

WEST**Freeform Search****Database:**

US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Term:

L9 and (ethanol prod\$n)

Display:

50

Documents in Display Format:

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Starting with Number

1

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Cases

Search History**DATE:** Monday, September 16, 2002 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
<u>L10</u>	L9 and (ethanol prod\$n)	12	<u>L10</u>
<u>L9</u>	L8 and Bacillus	74	<u>L9</u>
<u>L8</u>	L7 and mobilis	105	<u>L8</u>
<u>L7</u>	pyruvate decarboxylase	1154	<u>L7</u>
<u>L6</u>	L5 and decarboxylase	12	<u>L6</u>
<u>L5</u>	L4 same thermophi\$	40	<u>L5</u>
<u>L4</u>	L1 same Bacillus	1223	<u>L4</u>
<u>L3</u>	L1 and thermophi\$n	2	<u>L3</u>
<u>L2</u>	L1 same thermophi\$n	0	<u>L2</u>
<u>L1</u>	ethanol or alcohol	716457	<u>L1</u>

END OF SEARCH HISTORY

WEST Search History

DATE: Monday, September 16, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L10	L9 and (ethanol prod\$n)	12	L10
L9	L8 and Bacillus	74	L9
L8	L7 and mobilis	105	L8
L7	pyruvate decarboxylase	1154	L7
L6	L5 and decarboxylase	12	L6
L5	L4 same thermophi\$	40	L5
L4	L1 same Bacillus	1223	L4
L3	L1 and thermophi\$n	2	L3
L2	L1 same thermophi\$n	0	L2
L1	ethanol or alcohol	716457	L1

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 12 of 12 returned.**☐ 1. Document ID: US 20020081677 A1

L10: Entry 1 of 12

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020081677
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020081677 A1

TITLE: Ethanol production

PUBLICATION-DATE: June 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Javed, Muhammad	Dagenham		GB	
Cusdin, Fiona	Horley		GB	
Milner, Paul	Ickenham		GB	
Green, Edward	Guildford		GB	

US-CL-CURRENT: 435/161, 435/252.31, 435/320.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 2. Document ID: US 20020042134 A1

L10: Entry 2 of 12

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042134
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020042134 A1

TITLE: Modification of bacteria

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Green, Edward M.	Surrey		GB	
Cusdin, Fiona S.	Surrey		GB	
Baghaei-Yazdi, Namdar	London		GB	
Javed, Muhammad	Essex		GB	

US-CL-CURRENT: 435/455, 435/252, 435/252.1, 435/252.31, 435/320.1, 435/461, 435/470, 435/471, 435/476, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 3. Document ID: US 20020034816 A1

L10: Entry 3 of 12

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020034816
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020034816 A1

TITLE: Ethanol production

PUBLICATION-DATE: March 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Green, Edward	Surrey		GB	
Javed, Muhammad	Essex		GB	
Baghaei-Yazdi, Namdar	London		GB	

US-CL-CURRENT: 435/252.31; 435/485

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 4. Document ID: US 6107093 A

L10: Entry 4 of 12

File: USPT

Aug 22, 2000

US-PAT-NO: 6107093
DOCUMENT-IDENTIFIER: US 6107093 A

TITLE: Recombinant cells that highly express chromosomally-integrated heterologous genes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 5. Document ID: US 6102690 A

L10: Entry 5 of 12

File: USPT

Aug 15, 2000

US-PAT-NO: 6102690
DOCUMENT-IDENTIFIER: US 6102690 A

TITLE: Recombinant organisms capable of fermenting cellobiose

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 6. Document ID: US 5916787 A

L10: Entry 6 of 12

File: USPT

Jun 29, 1999

US-PAT-NO: 5916787
DOCUMENT-IDENTIFIER: US 5916787 A

TITLE: Ethanol production in gram-positive microbes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 7. Document ID: US 5607672 A

L10: Entry 7 of 12

File: USPT

Mar 4, 1997

US-PAT-NO: 5607672

DOCUMENT-IDENTIFIER: US 5607672 A

TITLE: Replacement therapy for dental caries

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 8. Document ID: US 5554520 A

L10: Entry 8 of 12

File: USPT

Sep 10, 1996

US-PAT-NO: 5554520

DOCUMENT-IDENTIFIER: US 5554520 A

TITLE: Ethanol production by recombinant hosts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 9. Document ID: US 5487989 A

L10: Entry 9 of 12

File: USPT

Jan 30, 1996

US-PAT-NO: 5487989

DOCUMENT-IDENTIFIER: US 5487989 A

TITLE: Ethanol production by recombinant hosts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 10. Document ID: US 5482846 A

L10: Entry 10 of 12

File: USPT

Jan 9, 1996

US-PAT-NO: 5482846

DOCUMENT-IDENTIFIER: US 5482846 A

TITLE: Ethanol production in Gram-positive microbes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 11. Document ID: US 5424202 A

L10: Entry 11 of 12

File: USPT

Jun 13, 1995

US-PAT-NO: 5424202

DOCUMENT-IDENTIFIER: US 5424202 A

TITLE: Ethanol production by recombinant hosts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw Desc	Image
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☐ 12. Document ID: WO 9527064 A1 AU 9522034 A US 5482846 A US 5916787 A

L10: Entry 12 of 12

File: DWPI

Oct 12, 1995

DERWENT-ACC-NO: 1995-358637

DERWENT-WEEK: 200067

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TITLE: New Gram-positive bacteria transformants - contg. heterologous genes for alcohol dehydrogenase and pyruvate decarboxylase for ethanol prodn.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw Desc	Image
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